

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|----------|------------------|---------|------------------|
| L2 | 2911 | 438/758.ccls. or 438/778.ccls. or 438/787.ccls. or 438/788.ccls. or 438/789.ccls. or 438/790.ccls. or 257/E21.278.ccls. | USPAT | OR | ON | 2007/07/20 17:06 |
| L3 | 2853 | L2 not ("2007".ay. or "2006".ay. or "2005".ay.) | USPAT | OR | ON | 2007/07/20 17:13 |
| L4 | 1890 | 3 and (silicon adj (oxide or dioxide)) | USPAT | OR | ON | 2007/07/20 17:09 |
| L5 | 915 | 4 and (pressure with (gas or rare or hydrogen)) | USPAT | OR | ON | 2007/07/20 17:11 |
| L6 | 17751 | (silicon adj (oxide or dioxide)).clm. | US-PGPUB | OR | ON | 2007/07/20 17:11 |
| L7 | 109 | (silicon adj (oxide or dioxide)).clm. with (form\$5).clm. with (oxidizing or oxygen or oxygenated or oxidizer or oxidized or ozone).clm. with plasma.clm. | US-PGPUB | OR | ON | 2007/07/20 17:13 |
| L9 | 83 | 7 not ("2007".ay. or "2006".ay. or "2005".ay.) | US-PGPUB | OR | ON | 2007/07/20 17:14 |
| L10 | 4 | 9 and (partial adj pressure).clm. | US-PGPUB | OR | ON | 2007/07/20 17:15 |
| S1 | 4225 | (silicon adj oxide) and hydrogen and ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) and silane | USPAT | OR | ON | 2006/11/25 16:05 |
| S2 | 2439 | ((silicon adj oxide) with (film or layer)) and hydrogen and ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) and silane and plasma | USPAT | OR | ON | 2006/11/25 16:05 |
| S3 | 1068 | (tetraethoxy adj silane) or (tetramethyl adj cyclo-tetrasiloxane) or (di-acetoxy adj di-tertiary adj butoxy adj silane) or (hexamethyl adj disiloxane) | USPAT | OR | ON | 2006/11/25 16:14 |
| S4 | 94 | ((tetraethoxy adj silane) or (tetramethyl adj cyclo-tetrasiloxane) or (di-acetoxy adj di-tertiary adj butoxy adj silane) or (hexamethyl adj disiloxane)) and ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) and hydrogen and plasma and ((silicon adj oxide) or (silicon adj dioxide)) | USPAT | OR | ON | 2007/03/27 16:27 |
| S5 | 93 | S4 not ("2006".ay. or "2005".ay.) | USPAT | OR | ON | 2007/03/27 16:39 |

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| S6 | 4 | ((tetraethoxy adj silane) or (tetramethyl adj cyclo-tetrasiloxane) or (di-acetoxy adj di-tertiary adj butoxy adj silane) or (hexamethyl adj disiloxane)) same ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) same hydrogen same plasma) and ((silicon adj oxide) or (silicon adj dioxide)) | USPAT | OR | ON | 2006/11/25 16:11 |
| S7 | 663 | (tetraethoxy adj silane) | USPAT | OR | ON | 2006/11/25 16:14 |
| S8 | 16932 | (tetraethoxy adj silane) or (teos) | USPAT | OR | ON | 2006/11/25 16:14 |
| S9 | 16811 | S8 not ("2006".ay. or "2005".ay.) | USPAT | OR | ON | 2006/11/25 16:15 |
| S10 | 2833 | S9 and ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) and hydrogen and plasma and ((silicon adj oxide) or (silicon adj dioxide)) | USPAT | OR | ON | 2006/11/25 16:16 |
| S11 | 1732 | S10 and (((silicon adj oxide) or (silicon adj dioxide)) with film) | USPAT | OR | ON | 2006/11/25 16:15 |
| S12 | 948 | S11 and (((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) with plasma) | USPAT | OR | ON | 2006/11/25 16:16 |
| S13 | 426 | S12 and (hydrogen with plasma) | USPAT | OR | ON | 2006/11/25 16:17 |
| S14 | 200 | S13 and (plasma with chamber) | USPAT | OR | ON | 2006/11/25 16:18 |
| S15 | 107 | (silane or disilane or TEOS) with hydrogen with plasma with (oxygen or ozone) | USPAT | OR | ON | 2006/11/25 16:18 |
| S16 | 195 | ((tetraethoxy adj silane) or (tetramethyl adj cyclo-tetrasiloxane) or (di-acetoxy adj di-tertiary adj butoxy adj silane) or (hexamethyl adj disiloxane)) and ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) and hydrogen and plasma and ((silicon adj oxide) or (silicon adj dioxide)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 17:13 |
| S17 | 162 | S16 not ("2007".ay. or "2006".ay. or "2005".ay.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 16:46 |
| S18 | 2831 | 438/758.ccls. or 438/778.ccls. or 438/787.ccls. or 438/788.ccls. or 438/789.ccls. or 438/790.ccls. or 257/E21.278.ccls. | USPAT | OR | ON | 2007/07/20 17:05 |

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| S19 | 2799 | S18 not ("2007".ay. or "2006".ay. or "2005".ay.) | USPAT | OR | ON | 2007/07/20 17:06 |
| S20 | 1849 | S19 and (silicon adj (oxide or dioxide)) | USPAT | OR | ON | 2007/03/27 16:47 |
| S21 | 8384 | ((tetraethoxy adj silane) or (tetramethyl adj cyclo-tetrasiloxane) or (di-acetoxy adj di-tertiary adj butoxy adj silane) or (hexamethyl adj disiloxane) or silane or disilane) and ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) and hydrogen and plasma and ((silicon adj oxide) or (silicon adj dioxide)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 16:57 |
| S22 | 3994 | (silane or disilane) and (((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) and hydrogen and plasma and (((silicon adj oxide) or (silicon adj dioxide)) with (formation or forming or depositing or deposition)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 17:03 |
| S23 | 3505 | S22 not ("2007".ay. or "2006".ay. or "2005".ay.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 17:04 |
| S24 | 1411 | S23 and (plasma with chamber) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 16:46 |
| S25 | 95 | S23 and (((silicon adj oxide) or (silicon adj dioxide)) with (formation or forming or depositing or deposition)).ti. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 17:03 |
| S26 | 895 | S21 and (partial adj pressure) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 16:57 |

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| S27 | 4 | S21 and ((partial adj pressure) with rare) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 16:57 |
| S28 | 41550 | (silane or disilane) and ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) and hydrogen | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 17:07 |
| S29 | 118 | S28 and (((silicon adj oxide) or (silicon adj dioxide)) with (formation or forming or depositing or deposition)).ti. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 17:08 |
| S30 | 109 | S29 not ("2007".ay. or "2006".ay. or "2005".ay.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 17:04 |
| S31 | 6277 | (silane or disilane) and ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) and (hydrogen with reduc\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 17:08 |
| S32 | 1433 | (silane or disilane) and ((carbon adj monoxide) or (carbon adj dioxide) or ozone or oxygen) and (hydrogen with (reducing adj agent)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 17:08 |
| S33 | 5 | S32 and (((silicon adj oxide) or (silicon adj dioxide)) with (formation or forming or depositing or deposition)).ti. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/27 17:08 |
| S34 | 10 | S19 and (hydrogen with (reducing adj agent)) | USPAT | OR | ON | 2007/03/27 17:10 |

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| S35 | 33 | S19 and ((tetraethoxy adj silane) or (tetramethyl adj cyclo-tetrasiloxane) or (di-acetoxy adj di-tertiary adj butoxy adj silane) or (hexamethyl adj disiloxane)) | USPAT | OR | ON | 2007/03/27 18:37 |
| S36 | 98 | (surface adj wave adj plasma) | USPAT | OR | ON | 2007/03/27 18:17 |
| S37 | 3 | S18 and (surface adj wave adj plasma) | USPAT | OR | ON | 2007/03/27 18:16 |
| S38 | 122 | TEOS with advantage | USPAT | OR | ON | 2007/03/27 18:22 |
| S39 | 435 | TEOS same (ozone or oxygen or (carbon adj monoxide) or (carbon adj dioxide)) same hydrogen | USPAT | OR | ON | 2007/03/27 18:37 |
| S40 | 417 | S39 not ("2007".ay. or "2006".ay. or "2005".ay.) | USPAT | OR | ON | 2007/03/27 18:38 |
| S41 | 24 | S40 and ((silicon adj dioxide).ti. or (silicon adj oxide).ti.) | USPAT | OR | ON | 2007/03/27 19:03 |
| S42 | 1 | ("6323142").PN. | USPAT | OR | OFF | 2007/03/27 19:03 |